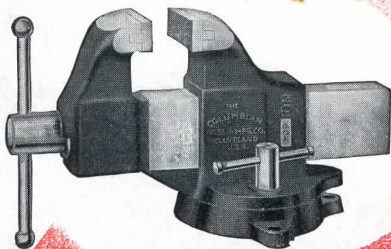


Catalog No. 40-A



COLUMBIAN VISES



COLUMBIAN VISES

COLUMBIAN MALLEABLE

ARE

Guaranteed Unbreakable

SERVICE AS WELL AS PRICE DETERMINES YOUR COSTS FOR VISES. AT REASONABLE PRICES, COLUMBIAN MACHINISTS' VISES OFFER YOU . . .

Long Life

Malleable Iron front and back jaw castings are made with Columbian's exclusive patented design to increase effective working strength. These castings are absolutely guaranteed unbreakable, regardless of conditions or length of service.

Efficient Service

Replaceable jaw faces of heat-treated tool steel are designed with solid machine-knurled gripping surfaces, and have no screw holes or screw heads in the working face. New jaw faces may be ordered by catalog number when the original gripping surface is chipped or worn, and can be installed in your own shop without removing the vise from the bench.

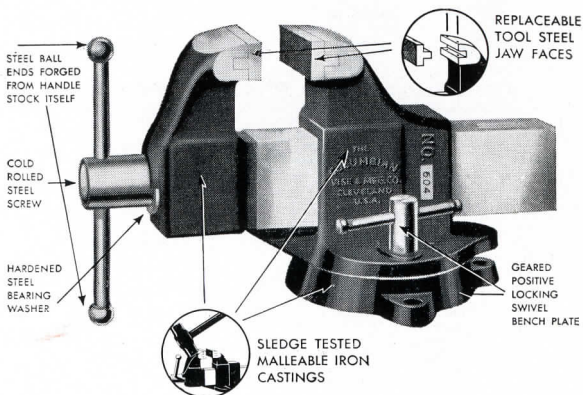
Special Applications

Smooth jaw faces of steel, to protect accurate or highly finished work, are ground absolutely parallel and are furnished at no additional cost when specified on original equipment orders. Special jaw faces of any desired material may be designed for holding irregular shaped work, and can be made in our factory or in your tool room to fit the right-angle jaw face groove.

COLUMBIAN VISES



IRON MACHINISTS' VISES



Low Maintenance

Cold rolled steel screw and malleable iron nut, which take the wear of continual use, are heavily designed and rigidly supported. Ball ends for the handle are forged from the handle stock itself and cannot come loose. Both the screw and nut may be ordered by catalog number to replace worn parts.

Convenient Installation

Columbian Machinists' Vises can be mounted securely on any level surface with three bolts. Stationary Base Vises are machined flat and can be mounted in the most convenient position without cutting the bench top.

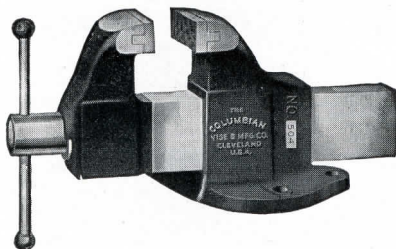
Wide Selection

Swivel Base Vises, for holding work at different angles, as well as Adjustable Jaw Vises for irregular or tapered work are available in all sizes. The complete range of types and sizes insures the right Columbian Vise for all requirements.



COLUMBIAN VISES

Stationary Base—500 Series

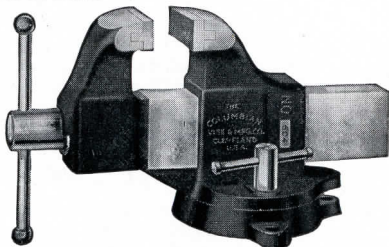


For production work or general shop use. The flat machined base makes installation easy without cutting into bench top — only three bolt holes necessary.

Vise No.	List Price	Width Jaws	Jaws Open	Weight Pounds	Code Word
502½	\$9.00	2½	3½	13	ABACK
503	10.00	3	4½	20	ABFT
503½	11.25	3½	5½	29	ABASE
504	12.75	4	6	36	ABASH
504½	15.50	4½	7	47	ABATE
505	20.00	5	8	58	ABBEY
505½	30.00	5½	9	74	ABBOT
506	39.00	6	10	90	ABEAM
507	55.00	7	11	125	ABIDE
508	75.00	8	12	150	ABODE

Swivel Base—600 Series

Can be swung and locked at any desired angle — a convenience appreciated by users. Recommended for general purpose use in all shops having a wide variety of work.



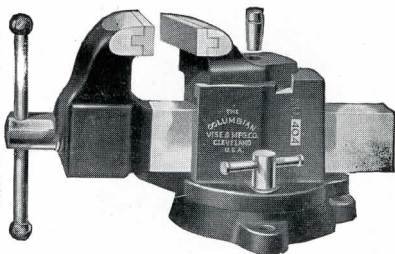
Vise No.	List Price	Width Jaws	Jaws Open	Weight Pounds	Code Word
602½	\$12.00	2½	3½	15	BABEL
603	13.00	3	4½	25	BACON
603½	15.00	3½	5½	34	BADGE
604	17.00	4	6	42	BAIRN
604½	20.00	4½	7	55	BAIZE
605	30.00	5	8	70	BARGE
605½	38.00	5½	9	86	BARON
606	52.00	6	10	106	BASAL
607	70.00	7	11	140	BASIN
608	98.00	8	12	170	BATON

COLUMBIAN VISES



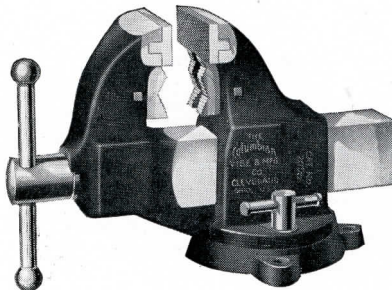
Adjustable Jaw—Swivel Base—400 Series

With pin removed the back jaw swivels for gripping tapered or irregular pieces. Specially designed for tool and die room—suitable for a wide range of work.



Vise No.	List Price	Width Jaws	Jaws Open	Weight Pounds	Code Word
403	\$17.50	3	4½	26	DAISY
403½	20.00	3½	5	35	DAVIT
404	24.00	4	5½	45	DECOY
404½	28.00	4½	6	57	DEMON
405	35.00	5	7	76	DENIM
405½	44.00	5½	8	95	DEPOT
406	60.00	6	9	120	DIGIT
407	75.00	7	10	159	DIVER
408	105.00	8	12	210	DIVAN

Combination Pipe Vises—200 Series



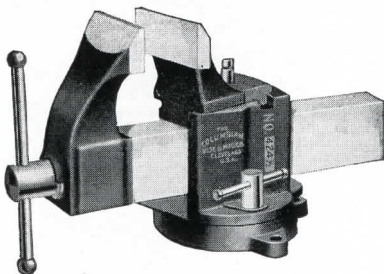
The high jaws make the strength of Columbian malleable castings especially important. The three tool steel pipe jaws are reversible and interchangeable—do not project beyond jaw faces but are removable. A double-purpose vise.

Vise No.	List Price	Width Jaws	Jaws Open	Holds Pipe	Weight Pounds	Code Word
203½	\$17.50	3½"	4"	⅛-2½	36	EAGLE
204½	24.00	4½"	5"	⅛-3½	60	EARTH
205	38.00	5"	6"	⅛-4½	93	EBONY
206	60.00	6"	10"	⅛-6	160	ECLAT



COLUMBIAN VISES

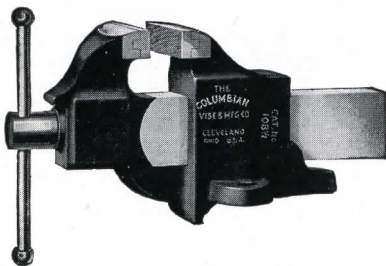
Bodymakers' Vises



Specially designed for woodworking and auto body work—high tapering jaws with extra deep smooth faces, $4\frac{1}{2}$ inches wide. Castings are Kromiron and other parts same as in machinists' vises.

Vise No.	List Price	Jaw Width	Jaws Open	Weight Pounds	Code Word
STATIONARY BASE					
124 $\frac{1}{2}$	\$17.50	4 $\frac{1}{2}$ "	9"	53	GABLE
SWIVEL BASE					
224 $\frac{1}{2}$	22.50	4 $\frac{1}{2}$ "	9"	60	GAMIN
ADJUSTABLE JAW—STATIONARY BASE					
324 $\frac{1}{2}$	25.00	4 $\frac{1}{2}$ "	9"	58	GLADE
SWIVEL BASE					
424 $\frac{1}{2}$	30.00	4 $\frac{1}{2}$ "	9"	65	GLOVE

Heavy Chipping Vises



Designed for use wherever mass weight is of primary importance. Kromiron castings are used to provide increased tensile strength and greater shock resistance.

Vise No.	List Price	Jaw Width	Jaws Open	Weight Pounds	Code Word
107	\$55.00	7"	11"	210	HEATH
108 $\frac{1}{2}$	82.00	8 $\frac{1}{2}$ "	12"	268	HEDGE

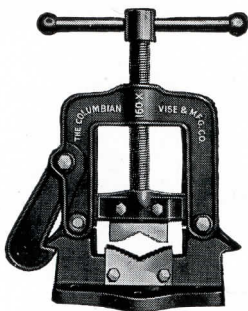
COLUMBIAN VISES



Hinged Pipe Vises

High tensile malleable iron castings insure great strength. Tool steel Pipe Jaws are heat-treated to increase strength and hardness.

Screw, screw-head and handle are cold rolled steel. Ball ends of handle forged from handle and cannot come off.



Vise No.	List Price	Pipe Capacity	Weight Pounds	Code Word
STANDARD				
16X	\$ 3.60	$\frac{1}{8}$ -1 $\frac{1}{2}$	5	FABLE
160X	4.25	$\frac{1}{8}$ -2	8	FAINT
161X	5.00	$\frac{1}{8}$ -2 $\frac{1}{2}$	11	FAIRY
162X	7.50	$\frac{1}{8}$ -3 $\frac{1}{2}$	17	FAVOR
163X	11.00	$\frac{1}{8}$ -4 $\frac{1}{2}$	26	FEAST
HEAVY DUTY				
164X	23.50	$\frac{1}{2}$ -6	37	FENCE
165X	47.40	1-8	81	FERNY
166X	70.00	1 $\frac{1}{2}$ -12	163	FERRY

Drop Forged Steel Clamps



Extra depth of throat and clearance make these clamps useful in a wide range of work on metal or wood-working shops.

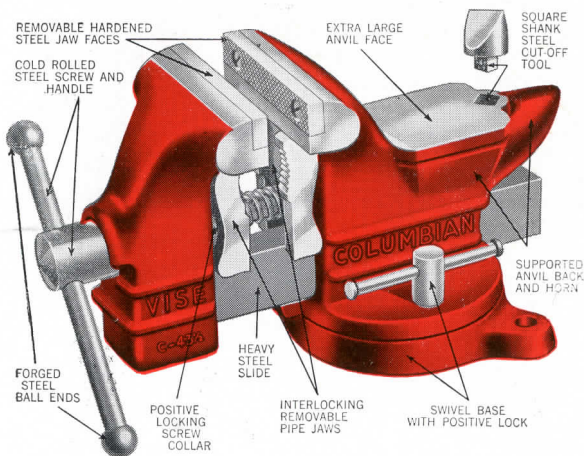
Special quality steel forgings, heat treated.

Clamp No.	List Price	Capacity	Center of Screw to Back	Weight Pounds	Code Word
13	\$1.80	3	2 $\frac{3}{8}$ "	1 $\frac{3}{4}$	MANGO
14	2.20	4	2 $\frac{3}{4}$ "	2 $\frac{1}{4}$	MANSE
16	3.00	6	3 $\frac{3}{4}$ "	3 $\frac{3}{4}$	MARSH
18	4.00	8	4 $\frac{3}{4}$ "	5 $\frac{3}{4}$	MATCH
20	6.00	10	5 $\frac{1}{4}$ "	7 $\frac{1}{2}$	MAXIM



COLUMBIAN VISES

"GROUP OF THREE" HOMESHOP VISES



The many distinctive features combined with their sturdy design, balanced strength and attractive "Columbian Red" finish make these vises the "standard of Value" in their field.

This "Group of Three" vises has been developed and perfected by Columbian to provide a range of three popular size vises for home workshop, garage and general use.

Vise No.	List* Price	Width Jaws	Jaws Open	Holds Pipe	Weight Pounds	Code Word
C43	\$3.00	3"	3 1/2"	up to 1 1/4"	14	HANDY
C43 1/2	4.50	3 1/2"	4"	up to 1 1/2"	17	HUSKY
C44	7.50	4"	4 1/2"	up to 2"	30	HEAVY

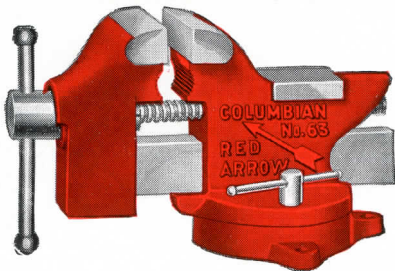
*Prices slightly higher West of the Mississippi River

COLUMBIAN VISES



"RED ARROW" HOMESHOP VISES

This is a low price line for the home workshop field. No. 53 (stationary base) and Nos. 63 and 63½ (swivel base) have polished smooth jaws. No. 64 is equipped with replaceable steel jaw faces.

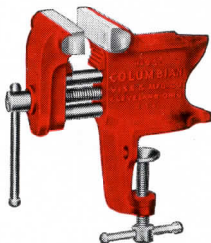


Vise No.	List Price	Width Jaws	Jaws Open	Hold Pipe	Weight Pounds	Code Word
STATIONARY BASE — POLISHED SMOOTH JAWS						
53	2.00	3"	3"	¼-1¼	9½	PANEL
SWIVEL BASE — POLISHED SMOOTH JAWS						
63	2.50	3"	3"	¼-1¼"	11	PEACH
63½	3.00	3½"	3½"	¼-1½"	13	PECAN
SWIVEL BASE — REPLACEABLE STEEL JAWS						
64	5.00	4"	4¼"	¼-1½"	26	PEONY

Clamp Base Vises

Made of close grained grey iron castings, with polished jaws. Steel guide rods hold jaws in alignment and insure smooth action. Pipe jaws for holding round pieces.

May be clamped quickly to a bench, table, step-ladder, running board or other handy support.

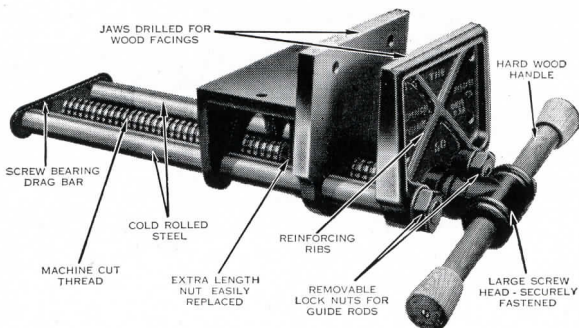


Vise No.	List Price	Width Jaws	Jaws Open	Weight Pounds	Code Word
92	\$1.00	2"	2"	2¼	KICK
92½	1.40	2½"	2¾"	3½	KILT
93	2.00	3"	3½"	7	KING



COLUMBIAN VISES

COLUMBIAN CONTINUOUS SCREW and



The above illustration shows the Continuous-Screw Solid-nut woodworkers' vise designed for general use in wood-working or manual training shops. The construction is simple, durable and reliable with fewest possible number of parts. Heavy steel screw with double fast running thread provides positive action.

Both the continuous screw and the rapid acting models are made with cold rolled steel guide rods working through accurately machined guides in back jaw, which insures smooth action.

For production shops and where time saving is important the rapid acting style of vise is recommended.

Continuous Screw—Wood Handle

Vise No.	List Price	Jaw Size	Jaws Open*	Weight Pounds	Code Word
PLAIN FRONT JAW					
5C	\$8.00	4 x 7	9"	22	LABEL
3C	10.00	4 x 10	12"	30	LEAFY
DOG IN FRONT JAW					
5CD	9.00	4 x 7	9"	23	LADLE
3CD	11.00	4 x 10	12"	31	LEAGUE

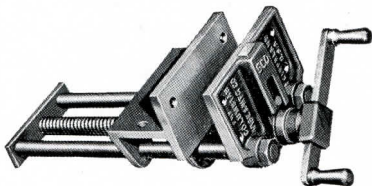
*For larger opening add 50c per inch to list prices.

COLUMBIAN VISES



RAPID ACTING WOODWORKERS' VISES

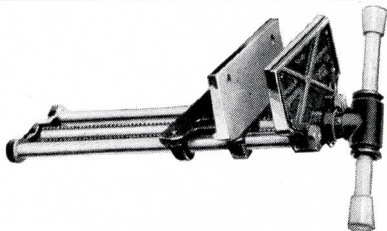
The adjustable steel handle is held in any desired position by a tension spring in the screw head. This handle increases speed of operation and eliminates handle breakage.



Continuous Screw—Steel Handle

Vise No.	List Price	Jaw Size	Jaws Open*	Weight Pounds	Code Word
PLAIN FRONT JAW					
5C-S	\$8.50	4 x 7"	9"	24	LANCE
3C-S	10.50	4 x 10"	12"	32	LEASH
DOG IN FRONT JAW					
5CD-S	9.50	4 x 7"	9"	25	LARCH
3CD-S	11.50	4 x 10"	12"	33	LEDGE

When the handle of this vise is turned to the left against a stop, the front jaw can be slid to full opening; a partial turn of the handle tightens the vise against the work.



Rapid-Acting-Wood Handle

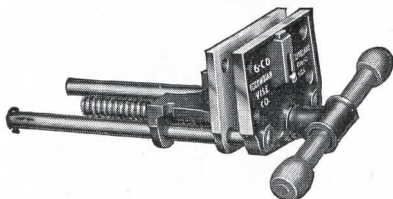
Vise No.	List Price	Jaw Size	Jaws Open	Weight Pounds	Code Word
PLAIN FRONT JAW					
1R	\$10.00	4 x 7"	9"	24	LODGE
9R	12.00	4 x 10"	12"	32	LOFTY
DOG IN FRONT JAW					
1RD	11.00	4 x 7"	9"	25	LOTUS
9RD	13.00	4 x 10"	12"	33	LOCAL

*For larger opening add 50 cents per inch to list prices.



COLUMBIAN VISES

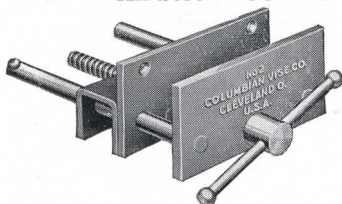
New WOODCRAFT Vise



An ideal woodworking vise for the homeshop bench. Close-grained grey iron castings with holes for attaching wood faces. Mounts on any bench up to 2½" without mortising.

Vise No.	List Price	Jaw Size	Jaw Open	Approx. Weight	Code Word
6CD	\$4.50	3 x 6"	7"	10	LUCKY

All Steel WOODWORKERS' Vise



This small, sturdy Woodworkers' Vise is made with steel face plates and steel guide channel welded to the back jaw. Steel guide rods and screw provide accurate and positive movement. Fastened to bench top with four screws through holes in back jaw.

Vise No.	List Price	Jaw Size	Jaw Open	Approx. Weight	Code Word
2JR	\$2.00	1½-5¼"	4½"	4½	LYRIC

Kromiron Bench Anvil



The casting of this anvil is made with shock-resisting "Kromiron" to provide a tough surface on the broad face. Each anvil is equipped with a steel cut-off tool, heat treated and hardened. For home and industrial shop benches as well as jewelers and dentists work tables.

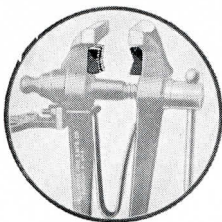
Cat. No.	List Price	Dimensions			Approx. Weight	Code Word
		Face	Horn	Base		
9	\$2.00	3 x 6"	3	4 x 5½"	9	CREEL

Extra Cut-off tools, 25c each.

COLUMBIAN VISES



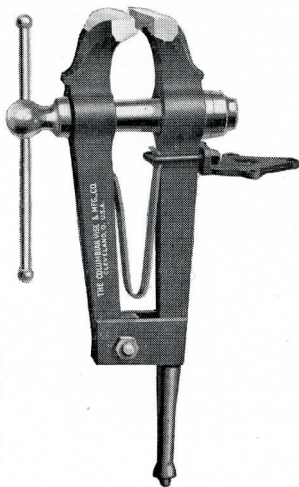
Forged Steel Leg Vises



COMBINATION TYPE

Made with removable pipe jaws for holding round work.

Jaws are drop forged from high carbon steel and heat treated to provide hard and tough gripping surface. Extra large sizes for railroad, mine, structural steel work are furnished for heavy service.



Vise No.	List Price	Jaw Width	Jaws Open	Approx. Weight	Code Word
STANDARD					
35	\$10.00	4"	3 $\frac{3}{4}$ "	35	RACER
50	11.50	4 $\frac{1}{2}$ "	4 $\frac{1}{2}$ "	50	RADIO
70	18.75	5"	5 $\frac{1}{4}$ "	70	RANCH
100	27.50	6"	6"	100	RANGE
HEAVY DUTY					
150	54.00	7"	7"	150	RAVEN
200	84.00	8"	8"	200	RAZOR

Combination Leg Vises

COMBINATION PIPE

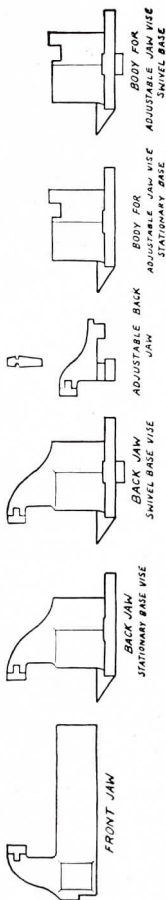
		Pipe Capacity		
35P	11.00	Up to 2 in.	36	REGAL
50P	13.00	Up to 2 $\frac{1}{2}$ in.	51	RELAY
70P	21.50	Up to 3 $\frac{1}{2}$ in.	71	REIGN



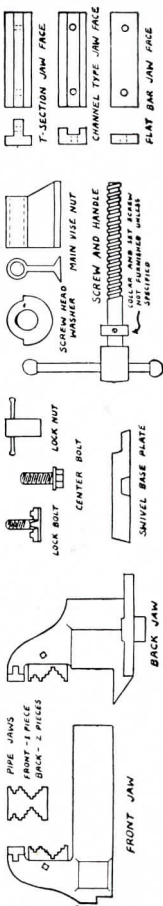
COLUMBIAN VISES

Repair Parts

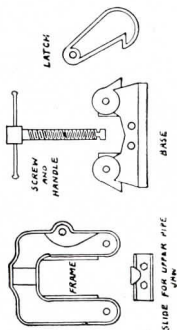
COLUMBIAN MACHINISTS', HEAVY CHIPPING, AND BODYMAKERS' VISES



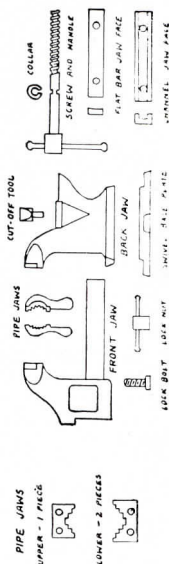
COLUMBIAN COMBINATION PIPE VISES



COLUMBIAN HINGED PIPE VISES



COLUMBIAN GARAGE VISES



COLUMBIAN VISES



Repair Parts

PART LIST FOR COLUMBIAN MACHINISTS', HEAVY CHIPPING, AND BODYMAKERS' VISES

Width of Jaw	Steel Jaw Face, Each	Screw and Handle	Collar and Set Screw	Main Vise Nut	Swivel Base Plate	Center Bolt for Swivel Base	Lock Bolt for Swivel Base	Lock Nut for Swivel Base	Front Jaw	Back Jaw	Body for Adjustable Jaw Vise	Swivel Back Jaw	Taper Pin For Swivel Back Jaw
2½	1.00	1.75	.30	.50	2.20	.40	.30	.40	4.50	4.50	5.00	4.00	.30
3	1.20	2.00	.30	.65	2.50	.40	.40	.50	5.00	5.00	5.50	4.50	.30
3½	1.25	2.40	.35	.80	3.00	.50	.40	.50	5.60	5.60	6.00	5.00	.40
4	1.40	3.00	.40	1.00	4.00	.50	.50	.70	6.50	6.50	7.00	5.50	.40
4½	1.50	4.00	.40	1.00	5.00	.60	.50	.70	7.80	7.80	9.00	6.00	.40
5	1.65	5.00	.50	1.50	6.00	.60	.50	.70	10.00	10.00	11.50	7.00	.60
5½	1.90	6.50	.60	2.00	7.00	.75	.75	1.00	15.00	15.00	15.00	8.00	.85
6	2.10	8.00	.75	2.00	8.00	.75	.75	1.00	19.50	19.50	21.00	9.50	.85
7	2.40	10.00	.70	2.75	10.00	1.00	1.00	1.25	27.50	27.50	27.50	12.00	.85
8	2.65	12.00	.80	3.50	14.00	1.00	1.00	1.25	37.50	37.50	37.50	15.00	.85

PART LIST FOR COLUMBIAN COMBINATION PIPE VISES

Vise No.	Steel Jaw Face, Each	Pipe Jaws Complete Set (3)	Single Pipe Jaws Each	Screw and Handle	Collar and Set Screw	Main Vise Nut	Swivel Base Plate	Center Bolt for Swivel Base	Lock Bolt for Swivel Base	Lock Nut for Swivel Base	Front Jaw	Back Jaw
203½	1.40	2.70	.90	3.00	.40	1.00	3.00	.50	.40	.70	6.50	6.50
204½	1.60	3.60	1.20	5.00	.50	1.50	5.00	.60	.50	.70	8.50	8.50
205	1.80	6.00	2.00	6.50	.60	2.00	6.00	.75	.75	1.00	15.50	15.50
206	2.30	9.00	3.00	10.00	.70	2.75	8.00	1.25	1.00	1.00	26.00	26.00

PART LIST FOR HINGED PIPE VISES

Vise No.	Pipe Jaws Complete Set (3)	Single Pipe Jaws Each	Slide Jaw Clamp	Screw and Handle	Base	Frame	Hook or Latch
16X	1.50	.50	.25	1.00	1.40	.90	.25
160X	1.80	.60	.25	1.20	1.60	1.00	.30
161X	2.10	.70	.30	1.40	1.90	1.20	.35
162X	2.55	.85	.45	2.20	2.80	1.80	.50
163X	3.00	1.20	.65	3.00	4.20	2.65	.75
164X	6.00	2.00	1.20	6.60	9.00	5.75	1.60

PART LIST FOR GARAGE VISES

Vise No.	Steel Jaw Face Each	Pipe Jaws Per Pair	Screw Handle	Swivel Base Plate	Front Jaw	Back Jaw
43	.50	.50	1.00	.75	1.25	1.50
43½	.65	.50	1.25	.75	2.00	2.25
44	.80	.75	1.50	1.50	3.50	4.00



GUARANTEE

All Columbian Vises are guaranteed against defects in materials and workmanship. Any parts found defective will be replaced without charge.

DISTRIBUTION

Columbian Vises are sold exclusively through Wholesale Hardware, Automotive and Industrial Supply Distributors.

Retail dealers, industrial, school and other users are served through the nearest Columbian Distributor.

THE COLUMBIAN VISE & MFG. COMPANY

9021 Bessemer Avenue,
CLEVELAND, OHIO, U. S. A.

THE WORLD'S LARGEST MAKERS OF VISES